M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. First and Final Bill

682916

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Nagasandra Ramnad Satish .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Drilling of Borewells and providing water supply in ward No 17. RR Nagar						
	AS No :- BE/RRN/AS/292/2019-20 Dated :- 18/2/20						
	TS No :- CE/RRN/TS/603/2019-20 Dated :- 25/2/20						
	Job Code :- 017-20-000018.						
	WO.NO :- EE/RRND/WO.NO/0000061/2020-21						
	Est. Cost :- 100.00 Lakhs.						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Geophysical investigation of site for Sinking borewell for Supplying drinking water to the Sub Station either :-						
	Nos @ Rs - 3953.00 =>	Qty = 8.00,				Am = 3953.00	
②	Sinking borewell of 165 mm dia clear using Super Jast hydraulic rig of capacity 300 PSIGr - - -						
	Rmtr @ Rs = 364.00 =>	Qty = 400.00,				Am = 145600.00	
③	Sinking borewell of 165 mm dia clear using Super Jast hydraulic rig of capacity 300 PSIGr & above 1100 CMF - - -						
	Rmtr @ Rs = 466.00 =>	Qty = 400.00,				Am => 185600.00	

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
682917

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
④	Sinking borewell of 165 mm dia clear using Super Jast hydraulic rig of capacity 300 PSIGr & above 1100 CMF						
	Rmtr @ Rs = 478.00 =>	Qty = 400,				Am => 191200.00	
⑤	Sinking borewell of 165 mm dia clear using Super Jast hydraulic rig of capacity 300 PSIGr & above 1100 CMF & above.						
	Rmtr @ Rs = 562.00 =>	Qty = 400.00				Am = 224800.00	
⑥	Sinking borewell of 165 mm dia clear using Super Jast hydraulic rig of capacity 300 PSIGr						
	Rmtr @ Rs = 665.00 =>	Qty = 400				Am => 266000.00	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7).	Sinking borewell of 165 mm dia clear using superjet hydraulic rig of Capacity 300 PSI & above 1100 CMF						
	Rate @ Rs = 734.00 => Qty = 400.00 Amt = 293600.00						
(8).	Sinking borewell of 165 mm dia clear using superjet hydraulic rig of Capacity 300 PSI & above 1100 CMF						
	Rate @ Rs = 865.00 => Qty = 400.00 Amt => 346000.00						
(9).	Sinking Borewell of 165 mm dia Clear using superjet hydraulic rig of Capacity 300 PSI & above 1100 CMF						
	Rate @ Rs = 946.00 => Qty = 400.00 Amt = 377600.00						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 682918

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10).	Sinking Borewell of 165 mm dia clear using superjet hydraulic rig of Capacity 300 PSI & above 1100 CMF						
	Rate @ Rs = 1184.00 => Qty = 160.00 Amt =>						189440.00
(11).	Providing and fixing 250 mm dia PVC (casing pipe).						
	Rate @ Rs = 2797.00 => Qty = 48.00 Amt =>						130896.00
(12).	Supply of IS1 Mark 7.5 mm thickness Bore, plain and steel casing pipe of steel Fe 410 grade of mild.						
	Rate @ Rs 1390.00 => Qty = 240.00 Amt =>						333600.00

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	providing 175mm Dia M.S bolter. Nos @ Rs = 157.00 => Qty = 40.00					AM =>	6280.00
(14)	Providing 125mm Dia Bore Cap. Nos @ Rs = 105.00 => Qty = 8.00					AM =>	840.00
(15)	Supplying CRI KIRLOSKAR and other Equipment pumps. Nos @ Rs = 52603.00 => Qty = 8.00					AM =>	420824.00
(16)	Providing and fixing for rounded galvanished mild steel tube 50mm Dia nominal bore with all fittings Rmtr @ Rs = 431.00 => Qty = 2800.00					AM =>	1206800.00

M. A. R. 57 (Rule 116)
Measurement Book

No. E 682313

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(17)	Supplying and fixing 3 core flat PVC sheathed submersible pump. Rmtr @ Rs = 133.00 => Qty = 5680.00					AM =>	755440.00
(18)	Providing and fixing for position 50mm Nominal bore non-return Nos @ Rs = 1411.00 => Qty = 8.00					AM =>	11288.00
(19)	Supplying and fixing 50mm GI union. Nos @ Rs = 235.00 => Qty = 8.00					AM =	1880.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(50).	Supplying and fixing 50 mm GI Elbow @ Nos @ Rs: 117.00 => Qty: 8.00 Amt: 936.00.						
(51).	Supplying and fixing 50 mm GI Nipple • Nos @ Rs: 109.00 Qty: 8.00 Amt: 872.00.						
(52).	Supplying and fixing 50 mm GI Hole Clamps Nos @ Rs: 108.00 => Qty: 8.00 Amt: 50112.00.						
(53).	Supplying and fixing 00" x 20" x 2.5" polished wood board made of not less than 1 inch. Nos @ Rs: 159.00 => Qty: 8.00 Amt: 1272.00						

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 682920

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(54).	Supplying and fixing Miniature Circuit breakers on existing MCB distribution board using necessary jointing Nos @ Rs = 2490.00 => Qty = 8.00 Amt = 19920.00						
(55).	Supplying of TPST with removable porcelain channels in SH. Enclosure made out of 14 SWG powder Nos @ Rs = 1888.00 => Qty = 8.00 Amt = 15104.00						
(56).	Supplying and fixing LED type panel to accord Indicating lamp with required colour Nos @ Rs = 451.00 => Qty = 8.00 Amt => 3608.00						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(29)	Supplying fully automatic star delta panel board Sudipuja button type with suitable wires & conductors. Nos @ Rs = 6714.00 Qty = 8.00 Amt = 53712.00.						
(30)	Supplying and fixing single phase preventor using necessary wires on an existing panel board. Nos @ Rs = 782.00 => Qty = 8.00 Amt = 6256.00						
(31)	Wiring for lighting / power circuit using one of PVC insulated 1100 V grade multistrand copper. Mtrs @ Rs = 47.00 => Qty = 160.00 Amt = 7520.00						

M. A. R. 57 (Rule 116) No. E
Measurement Book

682921

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(30)	Supplying fixing and wiring heavy duty low capacitors. Nos @ Rs = 420.00 => Qty = 32.00 Amt = 13440.00.						
(31)	Supplying fixing, wiring, Earth electrode for grounding. Nos @ Rs = 3147.00 => Qty = 8.00 Amt = 25176.00.						
(32)	Digging of trench of 0.36 mtrs dep x 0.5 mtrs wide refilling. Mtrs @ Rs = 107.00 Qty = 64.00 Amt = 6848.00						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(33)	Supplying of 1.1 KV LT Ubr cable XLPE or Heat resistant PVC						
	nters @ Rs = 157.00 => Qty = 80.00 Am = 18560.00						
(34)	Labour charge for laying 1.1 KV class Ubr cable for lighting fixt						
	Nos @ Rs = 12.00 => Qty = 200.00 Am = 2400.00						
(35)	Supplying and fixing class-A (medium duty) GI pipe wall						
	thickness not less than 3.25mm						
	# Meter @ Rs = 351.00 => Qty = 16.00 Am = 5616.00						

M. A. R. 57 (Rule 116) No. E

Measurement Book

682922

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(36)	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV						
	Nos @ Rs = 283.00 => Qty = 8.00 Am = 2264.00						
(37)	Supplying and fixing of porcelain fuse channel with cut out						
	Nos @ Rs = 238.00 => Qty = 24.00 Am = 5712.00						
(38)	Dismantling of cement line pavement by mechanical means using						
	Cum @ Rs = 1000.00 => Qty = 206.64 Am = 206640.00						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(39).	Earthwork excavation for foundation of building, water supply. Cum @ Rs = 499.00 => Qty = 312.12 Amt = 155748.00						
(40).	Providing and fixing chlorinated poly vinyl chloride (CPVC) pipes. Each @ Rs = 480.00 => Qty = 2264.00 Amt = 1087320.00						
(41).	Making connection of GI distribution branch with GI of Each @ Rs = 537.00 => Qty = 8.00 Amt = 4296.00						
(42).	Providing and fixing Chlorinated poly vinyl chloride (CPVC) pipes. Mtrs @ Rs = 175.00 => Qty = 56.00 Amt = 9800.00						

M. A. R. 57 (Rule 116) No. E

Measurement Book

682923

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(43).	Providing and fixing to wall, ceiling and floor Mtrs @ Rs = 143.00 => Qty = 752.00						Medium density. Amt = 107536.00
(44).	Refilling available around earth pipe lines cables in Layers not exceeding 20cms in depth, Cum @ Rs = 135.00 => Qty = 218.68						Amt = 29495.00.
(45).	Loading and unloading of stone boulder/stone Agg/sand/Kankar/murum Cum @ Rs = 100.00 => Qty = 300.28						Amt = 30028.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(46).	Providing and fixing in position brass gate valve with C.I wheel of approved quality 50mm nominal bore						
	Each @ Rs = 1934.00 => Qty = 8.00 Am = 15492.00						
(47).	Providing and fixing in position brass stop cock of Approved quality 15mm nominal bore including.						
	Each @ Rs = 158.00 => Qty = 8.00 Am = 1256.00						
(48).	providing and Laying in position plain Cement Conc of mix 1:4:8 with OPC Cement @ 180 kgs with 40mm & down agg.						
	Cum @ Rs = 5623.00 => Qty = 156.06 Am = 877338.00						

M. A. R. 57 (Rule 116) No. E

Measurement Book

682924

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(48).	providing and Laying Cement Conc using 20mm & down agg						
	Cum @ Rs = 6118.00 => Qty = 156.06					Am = 954735.00	
						Total Am	8838136.18
						Grand total	8838136.18

24/04/2022

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate -						
(1)	The above work has been completed Satisfactorily.						
(2)	The Debris has been Moved and disposed from the work spot						
(3)	NO. Departmental Issues are made to the Contractor						
	28/04/2022						

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

682925

JoP Park Back Gate.

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8
	Middle						
	Double Road.						
	N.T.K.R.						
	Towards Kavithai						
	JoP Park.						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5			8
					Earthfound		
							① Mohan Kumara Nagara # Harishi Road near water point
							② Mohan Kumara Nagara # opp Bethany Road
							③ Mohan Kumar Nagara # Towards Railway Station # water point
							④ Muthyalamma Nagara, J&P Park Backgate rent 10 15 Mtrs
							⑤ Muthyalamma nagara, Behind J&P park 1st C/R M.T.K.P
							⑥ Muthyalamma Nagara, J.P Park Back gate near Assembly Booth.
							⑦ # Sundara Nagara, opp to Park Road 1st C/R Sundara Nagara.
							⑧ # Sundara Nagara, 3rd C/R rent to park Road, near water point

Park

Bore well pothi

Water point

Pothigai Entrance

Elephant Statue

M. A. R. 57 (Rule 116) No. E

Measurement Book

682926

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Audit: 98,98,710:00

Passed for ... 88,49,669:00

(Eighty Eight lakhs Fourty nine Thousand Six hundreds sixty nine)

by agreement 9,49,041:00

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